### 01477050 DELAWARE RIVER AT CHESTER, PA

LOCATION.--Lat 39°50'33", long 75°21'28", Delaware County, Hydrologic Unit 02040202, in the pumping house of Kimberly-Clark Paper Company at

**DRAINAGE AREA**.--10,300 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--December 1961 to current year.

### PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: October 1963 to current year.

pH: January 1968 to current year.
WATER TEMPERATURES: December 1961 to current year. DISSOLVED OXYGEN: December 1961 to current year.

INSTRUMENTATION.--Water-quality monitor since December 1961. Probes interfaced with a data collection platform since the 1986 water year.

REMARKS.--Specific conductance, pH, and water temperature records rated good. Dissolved oxygen record rated fair. Data collection for pH and dissolved oxygen discontinued during winter months. Specific conductance and water temperature data collected for the entire year. Other interruptions in the record were due to malfunctions of the instrumentation. Prior to April 1981 sampling site located at auxiliary tidal-gaging station at the end of Reynolds Aluminum Company pier, 0.5 mi downstream from Chester Creek in Chester (latitude 39°50'12", longitude 75°22'00").

### EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 5,900 microsiemens, Oct. 7, 1965; minimum, 103 microsiemens, June 2, 1984, Apr. 9, 1987. pH: Maximum, 8.7, Sept. 13, 14, 1971, Oct. 16, 1979; minimum, 5.5, Dec. 10, 11, 1969. WATER TEMPERATURE: Maximum, 33.0°C, July 21, 1977, Aug. 3, 1999; minimum, 0.0°C, many days during winters. DISSOLVED OXYGEN: Maximum, 16.3 mg/L, Mar. 28, 1993; minimum, 0.0 mg/L, on many days.

### EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 4,390 microsiemens, Sept. 26; minimum, 171 microsiemens, May 22. WATER TEMPERATURE: Maximum, 29.9°C, Aug. 5; minimum, 4.1°C, Jan. 19-22.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY     | MAX  | MIN | MEAN     | MAX  | MIN  | MEAN | MAX      | MIN  | MEAN | MAX     | MIN | MEAN |
|---------|------|-----|----------|------|------|------|----------|------|------|---------|-----|------|
| OCTOBER |      |     | NOVEMBER |      |      |      | DECEMBER |      |      | JANUARY | •   |      |
| 1       | 1120 | 522 | 784      | 1700 | 779  | 1140 | 2420     | 1160 | 1640 |         |     |      |
| 2       | 1110 | 524 | 746      | 1680 | 800  | 1130 | 2440     | 1160 | 1600 |         |     |      |
| 3       | 937  | 510 | 685      | 1610 | 807  | 1130 | 2570     | 1180 | 1600 |         |     |      |
| 4       | 827  | 497 | 654      | 1940 | 816  | 1180 |          |      |      |         |     |      |
| 5       | 843  | 497 | 649      | 1520 | 795  | 1140 |          |      |      |         |     |      |
| 6       | 841  | 483 | 630      | 1800 | 795  | 1160 | 2200     | 1130 | 1540 |         |     |      |
| 7       | 745  | 461 | 587      | 1840 | 846  | 1220 | 2180     | 1100 | 1510 |         |     |      |
| 8       | 725  | 459 | 574      | 2140 | 844  | 1300 | 2360     | 1090 | 1580 | 1070    | 565 | 752  |
| 9       | 1180 | 463 | 671      | 1920 | 829  | 1260 | 2190     | 1060 | 1540 | 1070    | 561 | 743  |
| 10      | 1020 | 503 | 677      | 2090 | 910  | 1320 | 2330     | 1100 | 1570 | 932     | 545 | 690  |
| 11      | 1170 | 494 | 697      | 1850 | 851  | 1210 | 2170     | 624  | 1470 | 1230    | 560 | 759  |
| 12      | 1410 | 505 | 757      | 2060 | 953  | 1370 | 2290     | 1060 | 1510 | 973     | 577 | 723  |
| 13      | 1470 | 541 | 823      | 2140 | 963  | 1380 | 2660     | 1120 | 1640 | 984     | 556 | 707  |
| 14      | 1480 | 564 | 938      | 2100 | 981  | 1390 | 2270     | 1110 | 1530 | 784     | 513 | 630  |
| 15      | 2100 | 669 | 1060     | 2260 | 973  | 1400 | 2040     | 982  | 1390 | 963     | 518 | 646  |
|         | 2100 | 005 | 1000     | 2200 | ,,,  | 1100 | 2010     | 302  | 1370 | , , ,   | 310 | 010  |
| 16      | 1440 | 609 | 982      | 2420 | 1040 | 1510 | 2250     | 1010 | 1420 | 891     | 522 | 670  |
| 17      | 1390 | 604 | 960      | 2560 | 1110 | 1590 | 2470     | 1040 | 1500 | 1030    | 523 | 692  |
| 18      | 1110 | 572 | 815      | 2700 | 1170 | 1700 | 2060     | 941  | 1340 |         |     |      |
| 19      | 1550 | 630 | 936      | 2420 | 1150 | 1610 | 1860     | 961  | 1310 | 960     | 519 | 679  |
| 20      | 1430 | 644 | 953      | 2110 | 1150 | 1560 | 1720     | 910  | 1240 | 1090    | 542 | 734  |
|         |      |     |          |      |      |      |          |      |      |         |     |      |
| 21      | 1540 | 668 | 994      | 2540 | 1120 | 1620 | 1260     | 733  | 982  | 981     | 544 | 729  |
| 22      | 1450 | 681 | 986      | 2470 | 1200 | 1660 | 1440     | 706  | 1010 | 837     | 532 | 646  |
| 23      | 1680 | 708 | 1050     | 2560 | 1160 | 1660 | 1440     | 748  | 1060 | 897     | 511 | 652  |
| 24      | 1720 | 759 | 1140     | 2550 | 1200 | 1750 | 1290     | 730  | 969  | 1100    | 526 | 706  |
| 25      | 1470 | 751 | 1100     | 2640 | 1240 | 1780 | 1150     | 657  | 874  |         |     |      |
| 26      | 1380 | 762 | 1040     | 2400 | 1180 | 1650 | 1200     | 632  | 859  | 842     | 517 | 649  |
| 27      | 1300 | 682 | 958      | 2320 | 1220 | 1680 | 1310     | 632  | 872  | 795     | 502 | 605  |
| 28      | 1580 | 678 | 1000     | 2320 | 1210 | 1640 | 1160     | 624  | 812  |         |     |      |
| 29      | 1680 | 753 | 1130     | 2580 | 1190 | 1680 | 1150     | 574  | 763  |         |     |      |
| 30      | 1510 | 743 | 1070     | 2430 | 1240 | 1710 | 1080     | 567  | 732  | 984     | 516 | 676  |
| 31      | 1740 | 797 | 1170     |      |      |      | 935      | 554  | 701  | 1150    | 513 | 711  |
| MONTH   | 2100 | 459 | 878      | 2700 | 779  | 1450 | 2660     | 554  | 1260 | 1230    | 502 | 690  |
|         |      |     |          |      |      |      |          |      |      |         |     |      |

# 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT  $25^{\circ}$  CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY   | MAX  | MIN   | MEAN  | MAX   | MIN  | MEAN   | MAX  | MIN  | MEAN  | MAX  | MIN  | MEAN   |
|---|--|---|---|---|--|--|--|--|---|--|--|--|
|   | :  | FEBRUARY  |   |   | MARCH  |  |  | APRIL  |   |  | MAY  |  |
| 1<br>2<br>3<br>4<br>5   | 1260<br>696<br>693<br>688<br>582   | 518<br>511<br>490<br>465<br>436   | 742<br>593<br>580<br>556<br>499   | 494<br>530<br>1000<br>484<br>420  | 365<br>370<br>362<br>347<br>341  | 420<br>435<br>501<br>402<br>381  | 277<br>268<br>268<br>260<br>257  | 254<br>250<br>251<br>250<br>248  | 267<br>260<br>259<br>254<br>253   |  | <br><br>   | <br><br>   |
| 6<br>7<br>8<br>9<br>10  | 585<br>573<br>601<br>579<br>578  | 443<br>432<br>434<br>432<br>421   | 509<br>492<br>497<br>487<br>480   | 420<br>399<br>408<br>422<br>419   | 343<br>342<br>344<br>348<br>341  | 382<br>370<br>375<br>378<br>366  | 256<br>254<br>258<br>253<br>249  | 244<br>243<br>242<br>240<br>234  | 251<br>250<br>249<br>247<br>239   | <br><br>   | <br><br>   | <br><br>   |
| 11<br>12<br>13<br>14<br>15  | 568<br>716<br>542<br>494<br>486  | 409<br>424<br>408<br>406<br>400   | 459<br>484<br>460<br>447<br>439   | 368<br>384<br>394<br>395<br>394   | 330<br>338<br>338<br>336<br>338  | 349<br>359<br>365<br>365<br>362  | 249<br>249<br>248<br>244<br>243  | 229<br>234<br>236<br>233<br>231  | 240<br>242<br>242<br>240<br>237   |  | <br><br>   | <br><br>   |
| 16<br>17<br>18<br>19<br>20  | 462<br>459<br>442<br>492<br>502  | 397<br>387<br>383<br>394<br>389   | 427<br>423<br>411<br>437<br>431   | 375<br>366<br>375<br>378<br>376   | 327<br>329<br>328<br>325<br>316  | 350<br>346<br>349<br>348<br>352  | 242<br>238<br>239<br>245<br>247  | 229<br>229<br>231<br>234<br>237  | 236<br>233<br>234<br>240<br>242   | <br><br>   | <br><br>   | <br><br>   |
| 21<br>22<br>23<br>24<br>25  | 469<br>469<br>448<br>461<br>512  | 385<br>376<br>371<br>366<br>368   | 418<br>417<br>407<br>408<br>419   | 353<br>328<br>331<br>327<br>322   | 316<br>316<br>323<br>307<br>295  | 331<br>323<br>325<br>320<br>313  | 244<br>246<br>245<br>243<br>245  | 237<br>239<br>239<br>235<br>236  | 242<br>242<br>242<br>240<br>241   | 193<br>181<br><br>179<br>182   | 181<br>171<br><br>172<br>174   | 187<br>177<br><br>175<br>178   |
| 26<br>27<br>28<br>29<br>30<br>31  | 558<br>513<br>480<br>  | 367<br>364<br>365<br>   | 430<br>422<br>411<br>   | 321<br>320<br>304<br>300<br>292<br>284  | 291<br>288<br>281<br>282<br>274<br>264   | 310<br>304<br>294<br>290<br>284<br>276   | 247<br>245<br>246<br>241<br>240  | 239<br>236<br>235<br>232<br>232  | 243<br>241<br>240<br>236<br>236   | 184<br>184<br>186<br>188<br>194<br>199   | 176<br>178<br>179<br>179<br>183<br>186   | 181<br>180<br>182<br>184<br>187<br>190   |
| MONTH   | 1260   | 364   | 471   | 1000  | 264  | 352  | 277  | 229  | 244   | 199  | 171  | 182  |
|   |  |   |   |   |  |  |  |  |   |  |  |  |
| DAY   | MAX  | MIN   | MEAN  | MAX   | MIN  | MEAN   | MAX  | MIN  | MEAN  | MAX  | MIN  | MEAN   |
| DAY   | MAX  | MIN<br><b>JUNE</b>  | MEAN  | MAX   | MIN<br>JULY  | MEAN   | MAX  | MIN<br>AUGUST  | MEAN  |  | MIN<br>SEPTEMBE  |  |
| DAY  1 2 3 4 5  | 194<br>191<br>205<br>205<br>201  |   | 188<br>186<br>186<br>191<br>195   | MAX<br>247<br>230<br>229<br>231<br>234  |  | MEAN  223 223 223 225 227  | 878<br>948<br>855<br>935<br>1000   |  | 568<br>599<br>591<br>574<br>593   |  |  |  |
| 1<br>2<br>3<br>4  | 194<br>191<br>205<br>205   | JUNE  185 182 182 188   | 188<br>186<br>186<br>191  | 247<br>230<br>229<br>231  | JULY 215 217 218 220   | 223<br>223<br>223<br>225   | 878<br>948<br>855<br>935   | 376<br>395<br>403<br>397   | 568<br>599<br>591<br>574  | 2750<br>2390<br>2300<br>2360   | 1040<br>853<br>955<br>998  | 1690<br>1370<br>1400<br>1410   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8  | 194<br>191<br>205<br>205<br>201<br>200<br>208<br>209<br>212  | 185<br>182<br>182<br>188<br>190<br>191<br>191<br>194<br>199                             | 188<br>186<br>186<br>191<br>195<br>194<br>200<br>203<br>205   | 247<br>230<br>229<br>231<br>234<br>239<br>241<br>239<br>251   | 215<br>217<br>218<br>220<br>222<br>224<br>224<br>228<br>230  | 223<br>223<br>223<br>225<br>227<br>231<br>235<br>234<br>239  | 878<br>948<br>855<br>935<br>1000<br>1200<br>1590<br>1630   | 376<br>395<br>403<br>397<br>406<br>401<br>414<br>439<br>467  | 568<br>599<br>591<br>574<br>593<br>594<br>687<br>795<br>850   | 2750<br>2390<br>2300<br>2360<br>2390<br>2340<br>2610<br>2660<br>2850   | 1040<br>853<br>955<br>998<br>970<br>926<br>1030<br>1060<br>1120  | 1690<br>1370<br>1400<br>1410<br>1440<br>1470<br>1610<br>1680<br>1800   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14   | 194<br>191<br>205<br>205<br>201<br>200<br>208<br>209<br>212<br>209<br>199<br>192<br>190<br>196   | JUNE  185 182 188 190  191 191 194 199 183  178 176 179 182                             | 188<br>186<br>186<br>191<br>195<br>194<br>200<br>203<br>205<br>199<br>189<br>184<br>184   | 247<br>230<br>229<br>231<br>234<br>239<br>241<br>239<br>251<br>242<br>254<br>250<br>252<br>258  | JULY  215 217 218 220 222  224 224 228 230 232  239 240 243 248  | 223<br>223<br>223<br>225<br>227<br>231<br>235<br>234<br>239<br>237<br>243<br>244<br>247<br>253   | 878<br>948<br>855<br>935<br>1000<br>1200<br>1200<br>1590<br>1630<br>1720   | 376<br>395<br>403<br>397<br>406<br>401<br>414<br>439<br>467<br>507<br>567<br>600<br>617<br>660   | 568<br>599<br>591<br>574<br>593<br>594<br>687<br>795<br>850<br>916<br>969<br>1040<br>1060<br>1100   | 2750<br>2390<br>2300<br>2360<br>2390<br>2340<br>2610<br>2660<br>2850<br>3350<br>3380<br>3390<br>3370<br>3320   | 1040<br>853<br>955<br>998<br>970<br>926<br>1030<br>1060<br>1120<br>1210<br>1370<br>1260<br>1430<br>1470  | 1690<br>1370<br>1400<br>1410<br>1410<br>1440<br>1470<br>1610<br>1680<br>1800<br>1980<br>2100<br>2040<br>2170<br>2140   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15   | 194<br>191<br>205<br>205<br>201<br>200<br>208<br>209<br>212<br>209<br>199<br>192<br>190<br>196<br>197<br>197<br>197<br>197   | JUNE  185 182 188 190  191 191 194 199 183  178 176 179 182 187 186 185 184             | 188<br>186<br>186<br>191<br>195<br>194<br>200<br>203<br>205<br>199<br>189<br>184<br>188<br>191  | 247<br>230<br>229<br>231<br>234<br>239<br>241<br>239<br>251<br>242<br>254<br>250<br>252<br>258<br>272<br>282<br>341<br>389<br>449                             | JULY  215 217 218 220 222  224 224 228 230 232  239 240 243 248 252  251 256 257 261   | 223<br>223<br>223<br>225<br>227<br>231<br>235<br>234<br>239<br>237<br>243<br>244<br>247<br>253<br>260<br>262<br>280<br>299<br>308  | 878 948 855 935 1000 1200 1200 1590 1630 1720 1550 1580 1620 1770 1930   | 376<br>395<br>403<br>397<br>406<br>401<br>414<br>439<br>467<br>507<br>567<br>600<br>617<br>660<br>695  | 568<br>599<br>591<br>574<br>593<br>594<br>687<br>795<br>850<br>916<br>1040<br>1100<br>1130  | 2750<br>2390<br>2390<br>2360<br>2390<br>2340<br>2610<br>2660<br>2850<br>3350<br>3390<br>3370<br>3320<br>3390<br>3380<br>3610<br>3770<br>3790   | \$\frac{1040}{853}\\ 955\\ 998\\ 970\\ 926\\ 1030\\ 1060\\ 1120\\ 1210\\ 1370\\ 1260\\ 1430\\ 1470\\ 1490\\ 1540\\ 1590\\ 1640\\ 1720\\  | 1690<br>1370<br>1400<br>1410<br>1410<br>1440<br>1470<br>1610<br>1680<br>1800<br>1980<br>2100<br>2040<br>2170<br>2140<br>2190<br>2180<br>2270<br>2390<br>2470   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24                               | 194<br>191<br>205<br>205<br>201<br>208<br>209<br>212<br>209<br>199<br>192<br>190<br>196<br>197<br>197<br>197<br>197<br>191<br>192<br>192   | 185 182 188 190 191 191 194 199 183 178 176 179 182 187 186 185 184 185                 | 188<br>186<br>186<br>191<br>195<br>194<br>200<br>203<br>205<br>199<br>184<br>188<br>191<br>191<br>191<br>188<br>188<br>188<br>190<br>190<br>192<br>194        | 247<br>230<br>229<br>231<br>234<br>239<br>241<br>239<br>251<br>242<br>254<br>250<br>252<br>258<br>272<br>282<br>341<br>389<br>449<br>526<br>610<br>548<br>462 | JULY  215 217 218 220 222  224 224 228 230 232  239 240 243 248 252  251 256 257 261 255 268 277 285   | 223<br>223<br>223<br>225<br>227<br>231<br>235<br>234<br>239<br>237<br>243<br>244<br>247<br>253<br>260<br>262<br>280<br>299<br>308<br>317   | 878 948 855 935 1000 1200 1200 1590 1630 1720 1550 1580 1620 1720 1870 1930 2580 2640 2570 2610 2740                               | 376<br>395<br>403<br>397<br>406<br>401<br>414<br>439<br>467<br>507<br>567<br>660<br>617<br>660<br>695<br>740<br><br>970<br>1050<br>1090<br>976<br>1190                                 | 568<br>599<br>591<br>574<br>593<br>594<br>687<br>795<br>850<br>916<br>969<br>1040<br>1130<br>1150<br><br>1500                                 | 2750<br>2390<br>2390<br>2360<br>2390<br>2360<br>2390<br>2610<br>2660<br>2850<br>3250<br>3380<br>3390<br>3370<br>3320<br>3390<br>3610<br>3770<br>3790<br>3920   | \$\begin{align*} \$1040 & 853 & 955 & 998 & 970 & 926 & 1030 & 1120 & 1210 & 1370 & 1430 & 1470 & 1490 & 1540 & 1590 & 1640 & 1720 & 1740 & 1750 & 1860 & 1830 & 1830 & 1830 & 1833 & 1830 & 1853 & 1830 & 1833 | 1690<br>1370<br>1400<br>1410<br>1440<br>1410<br>1610<br>1680<br>1800<br>1980<br>2100<br>2040<br>2170<br>2140<br>2190<br>2180<br>2270<br>2390<br>2470<br>2510<br>2470<br>2510<br>2470<br>2570   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>27<br>28<br>29<br>30 | 194<br>191<br>205<br>205<br>201<br>200<br>208<br>209<br>212<br>209<br>192<br>190<br>196<br>197<br>197<br>197<br>197<br>199<br>199<br>192<br>192<br>192<br>192<br>193<br>199<br>192<br>192<br>192<br>193<br>194<br>195<br>195<br>195<br>195<br>195<br>195<br>195<br>195<br>195<br>195 | 185 182 188 190 191 191 194 199 183 178 176 187 186 187 188 190 191 197 202 204 205 209 | 188<br>186<br>186<br>191<br>195<br>194<br>200<br>203<br>205<br>199<br>189<br>184<br>188<br>191<br>191<br>191<br>188<br>188<br>190<br>190<br>192<br>194<br>196 | 247 230 229 231 234 239 241 239 251 242 254 250 252 282 341 389 49 526 526 610 548 462 714 778 766 713 698 722  | 215<br>217<br>218<br>220<br>222<br>224<br>224<br>228<br>230<br>232<br>239<br>240<br>243<br>248<br>252<br>251<br>256<br>257<br>261<br>255<br>267<br>277<br>285<br>277<br>285<br>277<br>287<br>303 | 223<br>223<br>223<br>223<br>225<br>227<br>231<br>235<br>234<br>239<br>237<br>243<br>244<br>253<br>260<br>262<br>280<br>299<br>308<br>317<br>350<br>372<br>366<br>359<br>427<br>446<br>468<br>473<br>498<br>518 | 878 948 855 935 1000 1200 1200 1590 1630 1720 1550 1580 1620 1720 1870 1930 2580 2640 2570 2610 2740 2750 2480 2250 2620 2410 2140 | 376<br>395<br>403<br>397<br>406<br>401<br>414<br>439<br>467<br>507<br>567<br>660<br>617<br>660<br>695<br>740<br><br>970<br>1050<br>1090<br>1090<br>1090<br>1090<br>1090<br>1040<br>976 | 568<br>599<br>591<br>574<br>593<br>594<br>687<br>795<br>850<br>916<br>969<br>1040<br>1130<br>1150<br><br>1500<br>1640<br>1590<br>1770<br>1690 | 2750<br>2390<br>2390<br>2360<br>2390<br>2360<br>2390<br>2610<br>2650<br>3250<br>3380<br>3390<br>3370<br>3320<br>3390<br>3610<br>3770<br>3790<br>3920<br>3660<br>3710<br>3680<br>4390<br>3910<br>2940<br>2950<br>3150 | \$\begin{align*} \$1040 & 853 & 955 & 998 & 970 & 926 & 1030 & 1060 & 1120 & 1210 & 1370 & 1260 & 1430 & 1470 & 1490 & 1540 & 1750 & 1860 & 1870 & 1880 & 1870 & 1890 & 1430 & 1450 & 1850 & 1870 & 1890 & 14350 & 1350 & 1390 & 1350 & 1390 & 1350 & 1390 & 1350 & 1390 & 1350 & 1390 & 1350 & 1390 & 10.55 & 1390 & 10.55 & 1390 & 10.55 & 10. | 1690<br>1370<br>1400<br>1410<br>1410<br>1440<br>1470<br>1610<br>1680<br>1800<br>1980<br>2100<br>2040<br>2170<br>2140<br>2190<br>2180<br>2270<br>2390<br>2470<br>2510<br>2470<br>2510<br>2510<br>2610<br>2860<br>2740<br>2150<br>1980<br>2000 |

# 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY   | MAX          | MIN                  | MEDIAN       | MAX  | MIN I             | MEDIAN                               | MAX  | MIN I   | MEDIAN  | MAX  | MIN               | MEDIAN                                       |
|---|--------------|----------------------|--------------|--|-------------------|--------------------------------------|--|---|---|--|-------------------|--|
|   |              | OCTOBER              |              |  | NOVEMBER          |                                      | I  | DECEMBER  |   |  | JANUAR            | Y  |
| 1 2   | 7.4<br>7.3   | 7.2<br>7.1           | 7.3<br>7.2   | 7.4<br>7.4                                   | 7.2<br>7.2        | 7.3<br>7.3                           | 7.1<br>7.1   | 6.9<br>7.0  | 7.0<br>7.0  |  |                   |  |
| 3   | 7.3          | 7.1<br>7.1           | 7.2          | 7.3  | 7.1               | 7.2                                  |  |   |   |  |                   |  |
| 5   | 7.2          | 7.1                  | 7.1          | 7.3  | 7.1               | 7.2                                  |  |   |   |  |                   |  |
| 6   | 7.2          | 7.1                  | 7.2          | 7.3  | 7.2               | 7.2                                  |  |   |   |  |                   |  |
| 7<br>8  | 7.3<br>7.3   | 7.1<br>7.2           | 7.2<br>7.2   | 7.3<br>7.4                                   | 7.2<br>7.2        | 7.3<br>7.3                           |  |   |   |  |                   |  |
| 9<br>10   | 7.4          | 7.2                  | 7.3          | 7.4  | 7.2               | 7.3                                  |  |   |   |  |                   |  |
|   |              |                      |              |  |                   |                                      |  |   |   |  |                   |  |
| 11<br>12  | 7.3<br>7.3   | 7.2<br>7.2           | 7.3<br>7.2   | 7.4<br>7.4                                   | 7.3<br>7.3        | 7.3<br>7.3                           |  |   |   |  |                   |  |
| 13  | 7.3          | 7.1                  | 7.2          | 7.4  | 7.3               | 7.3                                  |  |   |   |  |                   |  |
| 14<br>15  | 7.3<br>7.3   | 7.1<br>7.1           | 7.2<br>7.2   | 7.4<br>7.4                                   | 7.3<br>7.2        | 7.3<br>7.3                           |  |   |   |  |                   |  |
| 16  | 7.3          | 7.1                  | 7.2          | 7.3  | 7.2               | 7.3                                  |  |   |   |  |                   |  |
| 17<br>18  | 7.3<br>7.3   | 7.2<br>7.2           | 7.2<br>7.3   | 7.3<br>7.4                                   | 7.2<br>7.2        | 7.2<br>7.3                           |  |   |   |  |                   |  |
| 19  | 7.3          | 7.2                  | 7.3          | 7.4  | 7.2               | 7.3                                  |  |   |   |  |                   |  |
| 20  | 7.3          | 7.2                  | 7.2          | 7.4  | 7.2               | 7.3                                  |  |   |   |  |                   |  |
| 21<br>22  | 7.3<br>7.3   | 7.1<br>7.1           | 7.2<br>7.2   | 7.4<br>7.4                                   | 7.2<br>7.2        | 7.3<br>7.3                           |  |   |   |  |                   |  |
| 23  | 7.3          | 7.1                  | 7.2          | 7.4  | 7.2               | 7.3                                  |  |   |   |  |                   |  |
| 24<br>25  | 7.2<br>7.3   | 7.1<br>7.1           | 7.2<br>7.2   | 7.3<br>7.3                                   | 7.2<br>7.2        | 7.3<br>7.3                           |  |   |   |  |                   |  |
| 26  | 7.4          | 7.2                  | 7.2          | 7.3  |                   | 7.2                                  |  |   |   |  |                   |  |
| 27  | 7.4          | 7.3                  | 7.3          | 7.2  | 7.1<br>7.1        | 7.2                                  |  |   |   |  |                   |  |
| 28<br>29  | 7.5<br>7.5   | 7.3<br>7.3           | 7.4<br>7.4   | 7.2<br>7.2                                   | 7.0<br>7.0        | 7.1<br>7.1                           |  |   |   |  |                   |  |
| 30  | 7.5          | 7.2                  | 7.3          | 7.1  | 7.0               | 7.0                                  |  |   |   |  |                   |  |
| 31  | 7.4          | 7.3                  | 7.4          |  |                   |                                      |  |   |   |  |                   |  |
| MAX<br>MIN  | 7.5<br>7.2   | 7.3<br>7.0           | 7.4<br>7.1   | 7.4<br>7.1                                   | 7.3<br>7.0        | 7.3<br>7.0                           | 7.1<br>7.1   | 7.0<br>6.9  | 7.0<br>7.0  |  |                   |  |
|   |              |                      |              |  |                   |                                      |  |   |   |  |                   |  |
|   |              |                      |              |  |                   |                                      |  |   |   |  |                   |  |
| DAY   | MAX          | MIN                  | MEDIAN       | MAX  | MIN I             | MEDIAN                               | MAX  | MIN I   | MEDIAN  | MAX  | MIN               | MEDIAN                                       |
| DAY   |              | MIN I                |              | MAX  | MIN I             | MEDIAN                               | MAX  | MIN I   | MEDIAN  | MAX  | MIN<br><b>MAY</b> | MEDIAN                                       |
| DAY<br>1  |              |                      |              | MAX  |                   | MEDIAN                               | MAX 7.3  |   | MEDIAN  | MAX  |                   | MEDIAN                                       |
| 1<br>2  |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3<br>7.3   | 7.1<br>7.2  | 7.2<br>7.2  |  | MAY<br>           |  |
| 1<br>2<br>3<br>4  | <br><br>     | FEBRUARY<br><br><br> | <br><br>     |  | MARCH<br><br><br> | <br><br>                             | 7.3<br>7.3<br>7.3<br>7.3   | 7.1<br>7.2<br>7.1<br>7.1  | 7.2<br>7.2<br>7.2<br>7.2  |  | MAY<br><br>       | <br><br>                                     |
| 1<br>2<br>3   | <br>         | FEBRUARY             |              | <br>   | MARCH<br><br>     |                                      | 7.3<br>7.3<br>7.3  | 7.1<br>7.2<br>7.1   | 7.2<br>7.2<br>7.2   |  | <b>MAY</b>        | <br>   |
| 1<br>2<br>3<br>4<br>5   | <br><br>     | FEBRUARY             |              | <br><br><br>                                 | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3  | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.1  | 7.2<br>7.2<br>7.2<br>7.2<br>7.3   | <br><br>   | MAY               |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8  | <br><br>     | FEBRUARY             | <br><br>     | <br><br>                                     | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3  | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1  | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2  | <br><br>   | MAY<br><br><br>   | <br><br><br>                                 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9   | <br><br><br> | FEBRUARY             | <br><br>     | <br><br>                                     | MARCH             | <br><br>                             | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3   | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1  | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2  | <br><br><br>   | MAY               | <br><br><br>                                 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9   |              | FEBRUARY             | <br><br><br> | <br><br><br><br>                             | MARCH             | <br><br><br>                         | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1  | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>6.9   | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.2   |  | MAY               |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9   |              | FEBRUARY             | <br><br><br> | <br><br><br><br>                             | MARCH             | <br><br><br>                         | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3   | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1  | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2  | <br><br><br><br>   | MAY               | <br><br><br>                                 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13   |              | FEBRUARY             |              | ======================================       | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1   | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9  | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.2<br>7.0<br>7.0   |  | MAY               | ====<br>====<br>====<br>====<br>====<br>==== |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10   |              | FEBRUARY             |              | ====<br>====<br>====<br>====<br>====<br>==== | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1   | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0   | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.0   |  | MAY               | ====<br>====<br>====<br>====<br>====         |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1<br>7.1<br>7.1<br>7.0<br>7.0  | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.9<br>6.8  | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.2<br>7.0<br>7.0<br>6.9  |  | MAY               |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1<br>7.1<br>7.0<br>7.0<br>7.0   | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.9<br>6.8<br>6.9   | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.2<br>7.0<br>7.1<br>6.9<br>6.9<br>6.9  |  | MAY               |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1<br>7.1<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0                             | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.9<br>6.8<br>6.9<br>6.7<br>6.5   | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.9<br>6.8<br>6.8   |  | MAY               |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.1 7.1 7.1 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0  | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>6.9<br>6.7<br>6.5<br>6.7<br>6.8  | 7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.9<br>6.8<br>6.9<br>6.9  |  | MAY               |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1<br>7.1<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0                      | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.9<br>6.8<br>6.9<br>6.7<br>6.5<br>6.7<br>6.8<br>6.9                                    | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9  |  | MAY               |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.1 7.1 7.1 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0  | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.9<br>6.8<br>6.9<br>6.7<br>6.5<br>6.7<br>6.9<br>6.9<br>7.0                             | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9   |  | MAY               |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1<br>7.1<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0               | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.9<br>6.8<br>6.9<br>6.7<br>6.5<br>6.7<br>6.5<br>6.9<br>6.9                             | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.8<br>6.8<br>6.8<br>6.9<br>6.9  |  | MAY               | <br><br><br><br><br><br><br><br>7.1          |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1<br>7.1<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0 | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.9<br>6.7<br>6.5<br>6.7<br>6.8<br>6.9<br>6.9<br>6.7<br>6.9<br>6.9                      | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9  | 7.1  | MAY               | 7.1<br>7.0                                   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>25<br>26<br>27   |              | FEBRUARY             |              |  | MARCH             | <br><br><br><br><br><br><br><br><br> | 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.1 7.1 7.1 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0  | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.8<br>6.9<br>6.7<br>6.5<br>6.7<br>6.5<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9                      | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.8<br>6.8<br>6.8<br>6.9<br>6.9   | <br><br><br><br><br><br><br><br><br>7.1<br>7.1<br><br>7.0<br>7.1 | MAY               | 7.1<br>7.0<br>6.9                            |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>25<br>26<br>26<br>27<br>28<br>29<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.2 7.1 7.1 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0  | APRIL 7.1 7.2 7.1 7.1 7.2 7.1 7.2 7.1 6.9 6.8 7.0 6.9 6.8 6.9 6.7 6.5 6.7 6.8 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9   | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9   | 7.1<br>7.0<br>7.0<br>7.0<br>6.9                                  | MAY               | 7.1<br>7.0<br>6.9<br>7.0                     |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>27<br>28<br>29<br>30   |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.1 7.1 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0  | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>6.9<br>6.7<br>6.5<br>6.7<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9                                    | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.2<br>7.0<br>7.1<br>6.9<br>6.9<br>6.9<br>6.8<br>6.8<br>6.9<br>6.9<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0 | 7.1<br>7.0<br>7.0<br>6.9<br>7.0                                  | MAY               | 7.1<br>7.0<br>6.9<br>7.0<br>6.9              |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>29<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20       |              | FEBRUARY             |              |  | MARCH             |                                      | 7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.3<br>7.2<br>7.1<br>7.1<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0 | 7.1<br>7.2<br>7.1<br>7.1<br>7.1<br>7.2<br>7.1<br>6.9<br>6.8<br>7.0<br>6.9<br>6.8<br>6.9<br>6.7<br>6.5<br>6.7<br>6.5<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9<br>6.9 | 7.2<br>7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.2<br>7.0<br>7.0<br>7.1<br>6.9<br>6.9<br>6.8<br>6.8<br>6.8<br>6.9<br>6.9<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0<br>7.0 | 7.1<br>7.0<br>7.0<br>7.0<br>6.9                                  | MAY               | 7.1<br>7.0<br>6.9<br>7.0                     |

#### 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY                              | MAX                             | MIN                             | MEDIAN                          | MAX                             | MIN                             | MEDIAN                                 | MAX                                    | MIN                             | MEDIAN                                 | MAX                             | MIN                             | MEDIAN                          |
|----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|--|---------------------------------|--|---------------------------------|---------------------------------|---------------------------------|
|                                  |                                 | JUNE                            |                                 |                                 | JULY                            |  |  | AUGUST                          |  |                                 | SEPTEMB                         | ER                              |
| 1<br>2<br>3<br>4<br>5            | 7.0<br>7.0<br>7.1<br>7.1<br>7.1 | 6.9<br>6.9<br>7.0<br>7.0<br>7.0 | 7.0<br>6.9<br>7.1<br>7.1<br>7.1 | 6.9<br>7.0<br>6.9<br>6.8<br>6.9 | 6.8<br>6.8<br>6.7<br>6.6<br>6.7 | 6.9<br>6.8<br>6.8                      | 7.0<br>6.9<br>7.0<br>7.0               | 6.7<br>6.7<br>6.8<br>6.8        | 6.8<br>6.9<br>6.9<br>6.9               | 7.5<br>7.5<br>7.4<br>7.4<br>7.3 | 7.3<br>7.2<br>7.2<br>7.2<br>7.1 | 7.4<br>7.4<br>7.3<br>7.3        |
| 6<br>7<br>8<br>9<br>10           | 7.1<br>7.1<br>7.0<br>7.0<br>7.0 | 7.0<br>7.0<br>7.0<br>7.0<br>6.8 | 7.0<br>7.1<br>7.0<br>7.0<br>6.9 | 6.9<br>6.9<br>6.9<br>6.9        | 6.7<br>6.8<br>6.8<br>6.8        | 6.8<br>6.9<br>6.9<br>6.8               | 7.1<br>7.2<br>7.2<br>7.2<br>7.2        | 6.9<br>7.0<br>7.0<br>7.0<br>7.0 | 7.0<br>7.1<br>7.1<br>7.1<br>7.1        | 7.3<br>7.3<br>7.2<br>7.2<br>7.2 | 7.1<br>7.1<br>7.0<br>7.0        | 7.2<br>7.2<br>7.1<br>7.1<br>7.1 |
| 11<br>12<br>13<br>14<br>15       | 6.9<br>6.9<br>6.8<br>6.8        | 6.8<br>6.7<br>6.8<br>6.8        | 6.8<br>6.8<br>6.8<br>6.8        | 7.0<br>7.1<br>7.1<br>7.0<br>6.9 | 6.9<br>6.9<br>6.8<br>6.8        | 6.9<br>7.0<br>7.0<br>6.9<br>6.8        | 7.2<br>7.2<br>7.2<br>7.1<br>7.1        | 7.0<br>7.0<br>7.0<br>6.9<br>7.0 | 7.1<br>7.1<br>7.1<br>7.0<br>7.1        | 7.2<br>7.2<br>7.3<br>7.3<br>7.3 | 7.0<br>7.1<br>7.2<br>7.2<br>7.2 | 7.1<br>7.2<br>7.2<br>7.2<br>7.2 |
| 16<br>17<br>18<br>19<br>20       | 6.9<br>6.9<br>6.8<br>6.8        | 6.8<br>6.6<br>6.6<br>6.6        | 6.8<br>6.8<br>6.7<br>6.7        | 6.9<br>7.0<br>7.0<br>6.9<br>7.0 | 6.7<br>6.8<br>6.8<br>6.8        | 6.8<br>6.9<br>6.8<br>6.8               | 7.1<br><br><br>7.3                     | 7.0<br><br><br>7.1              | 7.1<br><br><br>7.2                     | 7.3<br>7.3<br>7.4<br>7.3<br>7.3 | 7.1<br>7.2<br>7.1<br>7.1        | 7.3<br>7.2<br>7.2<br>7.2<br>7.2 |
| 21<br>22<br>23<br>24<br>25       | 6.8<br>6.7<br>6.8<br>6.8        | 6.7<br>6.6<br>6.7<br>6.7        | 6.7<br>6.7<br>6.7<br>6.7        | 7.0<br>7.0<br>7.0<br>7.0<br>7.1 | 6.8<br>6.9<br>6.9<br>7.0        | 6.9<br>6.9<br>6.9<br>7.0               | 7.3<br>7.3<br>7.3<br>7.2<br>7.2        | 7.1<br>7.2<br>7.0<br>7.1<br>7.0 | 7.2<br>7.2<br>7.2<br>7.1<br>7.1        | 7.2<br>7.2<br>7.2<br>7.3<br>7.3 | 7.1<br>7.1<br>7.1<br>7.2<br>7.2 | 7.2<br>7.2<br>7.2<br>7.2<br>7.2 |
| 26<br>27<br>28<br>29<br>30<br>31 | 6.8<br>6.8<br>6.8<br>6.9        | 6.6<br>6.7<br>6.7<br>6.8        | 6.7<br>6.7<br>6.7<br>6.8<br>6.8 | 7.2<br>7.2<br>7.1<br>7.0<br>7.0 | 7.0<br>6.9<br>6.9<br>6.8<br>6.8 | 7.1<br>7.0<br>7.0<br>6.9<br>6.9<br>6.9 | 7.2<br>7.2<br>7.2<br>7.3<br>7.3<br>7.4 | 7.0<br>7.0<br>7.0<br>7.2<br>7.2 | 7.1<br>7.1<br>7.1<br>7.2<br>7.2<br>7.2 | 7.4<br>7.4<br>7.4<br>7.4<br>7.4 | 7.2<br>7.2<br>7.2<br>7.2<br>7.2 | 7.3<br>7.3<br>7.3<br>7.3<br>7.3 |
| MAX<br>MIN                       | 7.1<br>6.7                      | 7.0<br>6.6                      | 7.1<br>6.7                      | 7.2<br>6.8                      | 7.0<br>6.6                      | 7.1<br>6.8                             | 7.4<br>6.9                             | 7.2<br>6.7                      | 7.2<br>6.8                             | 7.5<br>7.2                      | 7.3<br>7.0                      | 7.4<br>7.1                      |

#### WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002 DAY MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN OCTOBER NOVEMBER DECEMBER JANUARY 20.0 15.5 21.0 20.5 15.5 15.0 14.0 13.5 14.0 1 20.5 20.0 20.5 16.0 15.5 13.5 13.5 ---15.5 14.0 \_\_\_ \_\_\_ \_\_\_ 3 21.0 20.0 20.5 16.0 15.5 16.0 13.5 13.0 13.5 21.5 20.5 16.0 ---4 21.0 15.5 15.5 ------------21.0 \_\_\_ 6 21.5 20.5 21.0 15.0 15.0 13.5 13.0 13.5 ---14.5 ---13.0 12.5 20.5 19.5 20.0 15.0 14.5 14.5 13.5 13.5 19.0 4 5 8 5.0 5.0 19 5 19.0 15.0 14.5 14.5 13 5 13.0 19.0 19.0 15.0 12.5 18.5 14.0 13.0 5.0 14.5 12.5 4.5 4.5 10 19.0 18.5 18.5 14.5 14.0 14.0 12.5 12.0 12.0 5.0 4.5 5.5 5.0 11 19.5 18.5 19.0 14.0 13.5 13.5 12.5 12.0 12.0 4.5 12 13 19.0 19.5 12.5 12.5 12.0 12.0 12.0 19.5 18.5 13.5 13.0 13.0 5.0 4.5 5.0 20.0 18.5 13.0 12.5 13.0 5.0 4.5 5.0 14 20.0 19.0 19.5 13.0 12.5 12.0 12.0 5.0 13.0 15 20.0 19.0 19.5 13.0 12.5 13.0 12.0 11.5 12.0 5.0 4.5 5.0 16 19.5 19.0 19.0 13.5 13.0 13.0 11.5 11.0 11.5 5.0 5.0 17 18 19.0 18.0 18.0 17.5 18.5 18.0 13.5 13.0 13.0 13.0 12.5 11.5 11.0 11.0 11.5 5.0 4.5 5.0 4.5 4.5 18.0 11.0 11.0 20 18.0 17.5 17 5 13.0 12.5 13.0 11.0 10.0 10.5 4.5 4.0 4.5 21 18.0 17.5 12.5 12.0 12.5 10.0 9.5 10.0 4.5 4.0 4.5 22 23 18.5 18.5 17.5 18.0 18.0 18.0 12.0 12.0 12.0 11.5 12.0 12.0 10.0 9.5 9.5 9.5 5.0 4.5 4.0 4.5 4.5 24 10.0 5.0 5.0 4.5 25 19.0 18.5 18.5 12.5 12.0 12.5 9.5 9.0 9.0 26 18.5 18.0 13.0 12.5 9.0 8.5 8.5 5.0 5.0 27 28 17.5 16.5 16.5 15.5 17.0 16.0 13.0 13.5 12.5 12.5 13.0 13.0 8.5 8.0 7.5 8.0 7.5 5.5 5.0 5.5 ---29 16.5 15.5 16.0 13.5 13.0 7.5 7.0 30 16 0 15.5 16 0 14.0 13 0 13.5 6 5 7 0 6 0 5 5 5 5 15.5 6.0 6.0 15.5 15.5 6.5 6.5 6.0 5.5 MONTH 21 5 15 5 18 6 16 0 14 0 6 0 10 8 6 0 4 0 4 9 11 5 13 6

# 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY   | MAX  | MIN  | MEAN   | MAX  | MIN  | MEAN   | MAX  | MIN  | MEAN   | MAX  | MIN  | MEAN   |
|---|--|--|--|--|--|--|--|--|--|--|--|--|
|   |  | FEBRUAR  | ĽΥ   |  | MARCH  |  |  | APRIL  |  |  | MAY  |  |
| 1<br>2<br>3<br>4<br>5   | 6.5<br>6.0<br>6.0<br>6.0<br>5.5  | 5.5<br>5.5<br>5.5<br>5.0<br>5.0  | 6.0<br>6.0<br>5.5<br>5.5   | 7.0<br>7.0<br>7.5<br>7.5<br>7.5  | 6.5<br>6.5<br>7.0<br>7.0<br>6.5  | 7.0<br>7.0<br>7.5<br>7.0<br>7.0  | 10.5<br>11.0<br>11.5<br>11.0<br>10.5   | 10.0<br>10.0<br>10.5<br>10.5   | 10.0<br>10.5<br>11.0<br>10.5<br>10.5   | <br><br>   | <br><br>   | <br><br>   |
| 6<br>7<br>8<br>9<br>10  | 5.0<br>5.0<br>5.5<br>5.5<br>6.0  | 5.0<br>5.0<br>5.0<br>5.0   | 5.0<br>5.0<br>5.5<br>5.5   | 8.0<br>8.5<br>9.0  | 6.5<br>7.0<br>7.0<br>7.5<br>8.5  | 7.0<br>7.5<br>8.0<br>8.5<br>8.5  | 10.5<br>11.0<br>11.5<br>12.0<br>12.5   | 10.0<br>10.0<br>10.5<br>11.0<br>11.5   | 10.5<br>10.5<br>11.0<br>11.5<br>12.0   | <br><br>   | <br><br>   | <br><br>   |
| 11<br>12<br>13<br>14<br>15  | 6.0<br>6.0<br>6.0<br>5.5   | 5.5<br>5.5<br>5.5<br>5.0<br>5.5  | 6.0<br>5.5<br>5.5<br>5.5   | 9.0<br>9.0<br>9.0<br>9.5<br>10.5   | 8.0<br>8.0<br>8.0<br>8.5<br>9.0  | 8.5<br>8.5<br>8.5<br>9.0<br>9.5  | 13.0<br>12.5<br>13.5<br>14.0<br>15.0   | 12.0<br>12.0<br>12.5<br>13.0<br>13.5   | 12.5<br>12.5<br>12.5<br>13.5<br>14.0   | <br><br>   | <br><br>   | <br><br>   |
| 16<br>17<br>18<br>19<br>20  | 6.0<br>6.0<br>6.5<br>6.5   | 5.5<br>5.5<br>5.5<br>5.5<br>6.0  | 6.0<br>6.0<br>5.5<br>6.0   | 10.0<br>10.0<br>9.5<br>9.5<br>9.5  | 9.5<br>9.0<br>9.0<br>9.0   | 9.5<br>9.5<br>9.0<br>9.0<br>9.5  | 16.0<br>16.5<br>17.0<br>17.5<br>18.0   | 14.0<br>15.0<br>15.5<br>16.0<br>17.0   | 15.0<br>15.5<br>16.5<br>17.0<br>17.5   | <br><br>   | <br><br>   |  |
| 21<br>22<br>23<br>24<br>25  | 7.0<br>7.5<br>7.5<br>7.5<br>7.5  | 6.5<br>6.5<br>6.5<br>7.0   | 6.5<br>7.0<br>7.0<br>7.0<br>7.0  | 10.0<br>10.0<br>9.5<br>9.0<br>8.5  | 9.0<br>9.0<br>8.5<br>8.0   | 9.5<br>9.0<br>9.0<br>8.5<br>8.5  | 18.0<br>17.0<br>16.5<br>17.0<br>16.5   | 17.0<br>16.5<br>16.0<br>16.0   | 17.5<br>17.0<br>16.5<br>16.5   | 16.5<br>16.5<br><br>17.5<br>18.0   | 15.5<br>15.5<br><br>16.0<br>17.0   | 16.0<br>16.0<br><br>16.5<br>17.0   |
| 26<br>27<br>28<br>29<br>30<br>31  | 8.0<br>8.0<br>7.5<br>  | 7.0<br>7.5<br>6.5<br>  | 7.5<br>7.5<br>7.0<br>  | 8.5<br>9.0<br>9.5<br>10.0<br>10.5<br>10.0  | 8.0<br>8.5<br>8.5<br>9.0<br>9.5<br>9.5   | 8.5<br>8.5<br>9.0<br>9.5<br>10.0<br>10.0   | 16.5<br>16.5<br>17.0<br>16.5<br>16.5   | 15.5<br>15.5<br>16.0<br>16.0   | 16.0<br>16.0<br>16.5<br>16.5   | 18.0<br>18.5<br>19.0<br>20.0<br>20.0<br>20.5   | 17.0<br>17.5<br>18.0<br>18.5<br>19.0<br>19.5   | 17.5<br>18.0<br>18.0<br>19.0<br>19.5<br>20.0                                       |
| MONTH   | 8.0  | 5.0  | 6.0  | 10.5   | 6.5  | 8.6  | 18.0   | 10.0   | 14.0   | 20.5   | 15.5   | 17.8   |
|   |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY   | MAX  | MIN  | MEAN   | MAX  | MIN  | MEAN   | MAX  | MIN  | MEAN   | MAX  | MIN  | MEAN   |
| DAY   | MAX  | MIN<br><b>JUNE</b>   | MEAN   | MAX  | MIN<br><b>JULY</b>   | MEAN   | MAX  | MIN<br>AUGUST  | MEAN   |  | MIN<br>SEPTEMBE  |  |
| DAY  1 2 3 4 5  | MAX<br>21.0<br>21.0<br>21.0<br>21.5<br>22.0  |  | 20.0<br>20.5<br>20.5<br>21.0<br>21.5   | 27.0<br>28.0<br>28.0<br>29.0<br>29.0   |  | MEAN  26.5 27.0 27.5 28.0 28.5   | 29.0<br>29.5<br>29.5<br>29.5<br>30.0   |  | MEAN  28.5 29.0 29.0 29.0 29.5   |  |  |  |
| 1<br>2<br>3<br>4  | 21.0<br>21.0<br>21.0<br>21.5   | JUNE 20.0 20.5 20.5 20.5   | 20.0<br>20.5<br>20.5<br>21.0   | 27.0<br>28.0<br>28.0<br>29.0   | JULY 26.5 26.5 27.0 27.5   | 26.5<br>27.0<br>27.5<br>28.0   | 29.0<br>29.5<br>29.5<br>29.5   | 28.0<br>28.5<br>28.5<br>29.0   | 28.5<br>29.0<br>29.0<br>29.0   | 25.5<br>24.5<br>25.0<br>25.5   | 24.5<br>24.0<br>24.0<br>24.0<br>24.5   | 25.0<br>24.5<br>24.5<br>25.0   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8  | 21.0<br>21.0<br>21.0<br>21.5<br>22.0<br>23.0<br>22.5<br>22.5<br>23.0   | JUNE 20.0 20.5 20.5 20.5 21.0 21.5 22.0 21.5 22.0  | 20.0<br>20.5<br>20.5<br>21.0<br>21.5<br>22.0<br>22.0<br>22.0<br>22.5   | 27.0<br>28.0<br>28.0<br>29.0<br>29.0<br>28.5<br>28.0<br>28.5   | JULY  26.5 26.5 27.0 27.5 28.0  27.5 27.0 27.0 27.0 27.0   | 26.5<br>27.0<br>27.5<br>28.0<br>28.5<br>28.5<br>27.5<br>27.5<br>27.5   | 29.0<br>29.5<br>29.5<br>29.5<br>30.0<br>29.5<br>28.5<br>28.0<br>28.0   | 28.0<br>28.5<br>28.5<br>29.0<br>29.0<br>29.0<br>28.5<br>27.5<br>27.0<br>27.0   | 28.5<br>29.0<br>29.0<br>29.0<br>29.5<br>29.5<br>29.0<br>28.0<br>27.5<br>27.5   | 25.5<br>24.5<br>25.0<br>25.5<br>25.5<br>25.5<br>25.5<br>26.0   | 24.5<br>24.0<br>24.0<br>24.5<br>24.5<br>24.5<br>24.5<br>24.5<br>24.5   | 25.0<br>24.5<br>24.5<br>25.0<br>25.0<br>25.0<br>25.0<br>25.0<br>25.0               |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14   | 21.0<br>21.0<br>21.5<br>22.0<br>23.0<br>22.5<br>22.5<br>23.0<br>24.0<br>24.5<br>24.5<br>24.5<br>24.5<br>24.0<br>23.5   | JUNE  20.0 20.5 20.5 21.0  21.5 22.0 21.5 22.0 21.5 22.0 23.5 23.0 23.5 23.5   | 20.0<br>20.5<br>20.5<br>21.0<br>21.5<br>22.0<br>22.0<br>22.0<br>22.5<br>23.0<br>23.5<br>24.0<br>24.0<br>23.0   | 27.0<br>28.0<br>29.0<br>29.0<br>29.0<br>28.5<br>28.0<br>28.5<br>28.0<br>27.5<br>27.5<br>27.0<br>27.0   | JULY  26.5 26.5 27.0 27.5 28.0  27.5 27.0 27.0 27.0 27.5 26.5 26.5 26.5  | 26.5<br>27.0<br>27.5<br>28.0<br>28.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.0<br>27.0<br>26.5   | 29.0<br>29.5<br>29.5<br>29.5<br>30.0<br>29.5<br>28.5<br>28.0<br>28.0<br>28.0<br>28.0<br>28.0<br>28.5   | 28.0<br>28.5<br>29.0<br>29.0<br>29.0<br>27.5<br>27.5<br>27.0<br>27.0<br>27.0<br>27.0<br>27.5<br>27.5<br>27.5   | 28.5<br>29.0<br>29.0<br>29.5<br>29.5<br>29.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>28.0<br>28.0   | 25.5<br>24.5<br>25.0<br>25.5<br>25.5<br>25.5<br>25.5<br>26.0<br>26.5<br>25.0<br>25.0<br>25.0                                       | 24.5<br>24.0<br>24.5<br>24.5<br>24.5<br>24.5<br>24.5<br>24.5<br>25.0<br>25.0<br>25.0<br>24.5<br>24.5                         | 25.0<br>24.5<br>24.5<br>25.0<br>25.0<br>25.0<br>25.0<br>25.5<br>25.5<br>25.5<br>25 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18   | 21.0<br>21.0<br>21.5<br>22.0<br>23.0<br>22.5<br>23.0<br>24.0<br>24.5<br>24.5<br>24.5<br>24.5<br>24.0<br>23.5<br>23.0<br>23.0<br>23.0<br>23.0<br>23.0<br>23.0 | JUNE  20.0 20.5 20.5 21.0  21.5 22.0 21.5 22.0 22.5 23.0 23.5 23.5 22.5 22.5 22.5 22.5 23.0  | 20.0<br>20.5<br>20.5<br>21.0<br>21.5<br>22.0<br>22.0<br>22.5<br>23.0<br>24.0<br>24.0<br>23.0<br>22.5<br>22.5<br>22.5<br>22.5<br>23.0   | 27.0<br>28.0<br>29.0<br>29.0<br>29.0<br>28.5<br>28.0<br>28.5<br>28.0<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5   | JULY  26.5 26.5 27.0 27.5 28.0  27.5 27.0 27.0 27.5 26.5 26.5 26.5 26.5 26.5 26.5 27.0 27.5  | 26.5<br>27.0<br>27.5<br>28.0<br>28.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.0<br>27.0<br>27.0<br>27.0<br>27.0<br>27.0<br>27.0<br>27.0   | 29.0<br>29.5<br>29.5<br>29.5<br>30.0<br>29.5<br>28.0<br>28.0<br>28.0<br>28.0<br>28.0<br>29.0<br>29.0<br>29.0   | 28.0<br>28.5<br>29.0<br>29.0<br>29.0<br>27.5<br>27.5<br>27.0<br>27.0<br>27.0<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5   | 28.5<br>29.0<br>29.0<br>29.5<br>29.5<br>29.5<br>27.5<br>27.5<br>27.5<br>27.5<br>28.0<br>28.5<br>28.5   | 25.5<br>24.5<br>25.0<br>25.5<br>25.5<br>25.5<br>25.5<br>26.0<br>26.5<br>25.0<br>25.0<br>25.0                                       | 24.5<br>24.5<br>24.5<br>24.5<br>24.5<br>24.5<br>24.5<br>25.0<br>25.0<br>25.0<br>24.5<br>24.5<br>24.5<br>24.5<br>24.5<br>24.5 | 25.0<br>24.5<br>24.5<br>25.0<br>25.0<br>25.0<br>25.0<br>25.5<br>25.5<br>25.5<br>25 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>27<br>28<br>29<br>30 | 21.0<br>21.0<br>21.5<br>22.0<br>23.0<br>22.5<br>23.0<br>24.0<br>24.5<br>24.5<br>24.0<br>23.5<br>23.0<br>23.0<br>23.0<br>23.0<br>23.0<br>23.0<br>23.0<br>23.0 | JUNE  20.0 20.5 20.5 21.0  21.5 22.0 21.5 22.0 22.5  23.0 23.5 22.5 22.0  22.5 22.5 22.0  22.5 22.5  | 20.0<br>20.5<br>21.0<br>21.5<br>22.0<br>22.0<br>22.0<br>22.5<br>23.0<br>23.5<br>24.0<br>23.0<br>22.5<br>23.0<br>23.5<br>24.0<br>24.5<br>23.5<br>24.0<br>24.5<br>25.5<br>26.5<br>26.5<br>26.5<br>26.5   | 27.0<br>28.0<br>29.0<br>29.0<br>29.0<br>28.5<br>28.0<br>28.5<br>27.5<br>27.5<br>27.5<br>27.5<br>28.0<br>27.5<br>29.0<br>29.0<br>29.0<br>29.0<br>29.0<br>29.0<br>29.0<br>29.0                 | JULY  26.5 26.5 27.0 27.5 28.0  27.5 27.0 27.0 27.5 26.5 26.5 26.5 26.5 26.5 27.0 27.5 26.5 26.5 26.5 26.5 27.0 27.5 26.5 26.5 26.5 27.0 28.0 28.0 28.0 27.5 | 26.5<br>27.0<br>28.0<br>28.5<br>28.0<br>27.5<br>27.5<br>27.5<br>27.5<br>27.0<br>27.0<br>27.0<br>27.0<br>27.0<br>27.0<br>27.5<br>27.0<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5 | 29.0<br>29.5<br>29.5<br>30.0<br>29.5<br>28.5<br>28.0<br>28.0<br>28.0<br>28.0<br>29.0<br>29.0<br>29.0<br>29.0<br>29.5<br>29.5<br>29.5<br>29.5<br>29.5<br>29.5<br>29.5<br>29.5 | 28.0<br>28.5<br>29.0<br>29.0<br>27.5<br>27.5<br>27.0<br>27.0<br>27.0<br>27.5<br>27.5<br>28.0<br>28.0<br>28.0<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5 | 28.5<br>29.0<br>29.0<br>29.5<br>29.0<br>28.0<br>27.5<br>27.5<br>27.5<br>27.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28                           | 25.5<br>24.5<br>25.5<br>25.5<br>25.5<br>25.5<br>26.0<br>26.5<br>26.5<br>25.0<br>25.0<br>25.0<br>25.5<br>25.5<br>25.5<br>25.5<br>25 | 24.5 24.5 24.5 24.5 24.5 24.5 24.5 25.0 25.0 25.0 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5                                    | 25.0<br>24.5<br>25.0<br>25.0<br>25.0<br>25.0<br>25.5<br>25.5<br>25.5<br>25         |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 | 21.0<br>21.0<br>21.0<br>21.5<br>22.0<br>23.0<br>22.5<br>23.0<br>24.0<br>24.5<br>24.0<br>23.5<br>23.0<br>23.0<br>23.0<br>23.0<br>23.5<br>24.0<br>23.5<br>24.0 | 20.0<br>20.5<br>20.5<br>20.5<br>21.0<br>21.5<br>22.0<br>22.5<br>23.0<br>23.5<br>22.5<br>22.0<br>22.5<br>23.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5<br>22.5 | 20.0<br>20.5<br>20.5<br>21.0<br>21.5<br>22.0<br>22.0<br>22.5<br>23.0<br>24.0<br>22.5<br>23.0<br>24.0<br>22.5<br>23.0<br>24.0<br>22.5<br>23.0<br>24.0<br>22.5<br>23.0<br>24.0<br>25.5<br>26.0<br>26.5<br>26.0<br>26.5<br>26.0<br>26.5<br>26.0<br>26.5<br>26.0<br>26.5<br>26.0<br>26.0<br>26.0<br>26.0<br>26.0<br>26.0<br>26.0<br>26.0 | 27.0<br>28.0<br>29.0<br>29.0<br>29.0<br>28.5<br>28.0<br>28.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>28.0<br>28.5<br>28.0<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5 | JULY  26.5 26.5 27.0 27.5 28.0  27.5 27.0 27.5 26.5 26.5 26.5 26.5 26.5 27.5 27.5 28.0 27.5 28.0 27.5 27.5 27.5 28.0 27.5 27.5 27.5 28.0 27.5 27.5           | 26.5<br>27.0<br>27.5<br>28.0<br>28.5<br>27.5<br>27.5<br>27.5<br>27.0<br>27.0<br>27.0<br>27.0<br>27.0<br>27.0<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5<br>27.5                         | 29.0<br>29.5<br>29.5<br>30.0<br>29.5<br>28.5<br>28.0<br>28.0<br>28.0<br>28.0<br>29.0<br>29.0<br>29.0<br>29.0<br>29.0<br>29.5<br>29.5<br>29.5<br>29.5<br>29.5<br>29.5<br>29.5 | 28.0<br>28.5<br>29.0<br>29.0<br>27.5<br>27.5<br>27.5<br>27.0<br>27.0<br>27.0<br>27.5<br>27.5<br>28.0<br>28.0<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5         | 28.5<br>29.0<br>29.0<br>29.5<br>29.0<br>28.0<br>27.5<br>27.5<br>27.5<br>27.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5<br>28.0<br>28.5<br>28.5<br>28.5<br>28.5<br>28.5 | 25.5<br>24.5<br>25.5<br>25.5<br>25.5<br>25.5<br>26.0<br>26.5<br>25.0<br>25.0<br>25.0<br>25.0<br>25.5<br>25.5<br>25.5<br>25         | 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5  | 25.0<br>24.5<br>25.0<br>25.0<br>25.0<br>25.0<br>25.5<br>25.5<br>25.5<br>25         |

# 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY   | MAX          | MIN            | MEAN             | MAX              | MIN                   | MEAN             | MAX  | MIN  | MEAN   | MAX  | MIN                | MEAN   |
|---|--------------|----------------|------------------|------------------|-----------------------|------------------|--|--|--|--|--------------------|--|
|   |              | OCTOBER        |                  |                  | NOVEMBER              |                  | 1  | DECEMBER   |  |  | JANUARY            |  |
| 1   | 6.6          | 5.5            | 6.2              | 8.0              | 7.2                   | 7.6              | 8.4  | 7.5  | 7.9  |  |                    |  |
| 2   | 6.5<br>6.6   | 5.9<br>5.8     | 6.2<br>6.2       | 7.9<br>7.9       | 7.1<br>7.1            | 7.6<br>7.5       | 8.4  | 7.4  | 7.8  |  |                    |  |
| 4   | 6.7          | 5.7            | 6.1              | 7.9              | 7.0                   | 7.4              |  |  |  |  |                    |  |
| 5   | 6.6          | 5.6            | 6.1              | 7.8              | 7.1                   | 7.4              |  |  |  |  |                    |  |
| 6   | 6.6          | 5.9            | 6.3              | 7.9              | 7.2                   | 7.5              |  |  |  |  |                    |  |
| 7<br>8  | 6.7<br>7.1   | 6.1<br>6.4     | 6.4<br>6.7       | 7.9<br>8.0       | 7.2<br>7.1            | 7.7<br>7.6       |  |  |  |  |                    |  |
| 9   | 7.2          | 6.6            | 6.9              | 8.0              | 7.2                   | 7.6              |  |  |  |  |                    |  |
| 10  | 7.3          | 6.6            | 6.9              | 8.1              | 7.4                   | 7.7              |  |  |  |  |                    |  |
| 11  | 7.3          | 6.6            | 6.9              | 8.3              | 7.6                   | 7.9              |  |  |  |  |                    |  |
| 12<br>13  | 7.5<br>7.4   | 6.6<br>6.5     | 6.9<br>6.8       | 8.3<br>8.4       | 7.9<br>7.9            | 8.1<br>8.1       |  |  |  |  |                    |  |
| 14  | 7.4          | 6.2            | 6.9              | 8.4              | 8.0                   | 8.2              |  |  |  |  |                    |  |
| 15  | 7.3          | 6.6            | 6.9              | 8.5              | 8.0                   | 8.2              |  |  |  |  |                    |  |
| 16  | 7.4          | 6.3            | 6.8              | 8.5              | 7.9                   | 8.2              |  |  |  |  |                    |  |
| 17<br>18  | 7.5<br>7.4   | 6.8<br>7.0     | 7.1<br>7.2       | 8.7<br>8.7       | 7.9                   | 8.3<br>8.4       |  |  |  |  |                    |  |
| 19  | 7.5          | 6.9            | 7.2              | 8.6              | 8.1<br>8.0            | 8.3              |  |  |  |  |                    |  |
| 20  | 7.5          | 6.6            | 7.2              | 8.7              | 8.1                   | 8.4              |  |  |  |  |                    |  |
| 21  | 7.7          | 6.7            | 7.2              | 8.9              | 8.2                   | 8.5              |  |  |  |  |                    |  |
| 22  | 7.3          | 6.5            | 7.0              | 8.8              | 8.3                   | 8.6              |  |  |  |  |                    |  |
| 23<br>24  | $7.4 \\ 7.4$ | 6.6<br>6.2     | 7.0<br>6.9       | 8.8<br>8.8       | 8.2<br>8.2            | 8.5<br>8.5       |  |  |  |  |                    |  |
| 25  | 7.3          | 6.4            | 6.9              | 9.0              | 8.2                   | 8.6              |  |  |  |  |                    |  |
| 26  | 7.8          | 6.5            | 7.2              | 8.9              | 8.2                   | 8.5              |  |  |  |  |                    |  |
| 27  | 8.0          | 7.1            | 7.5              | 8.8              | 7.9                   | 8.3              |  |  |  |  |                    |  |
| 28<br>29  | 8.1<br>8.2   | 7.2<br>6.8     | 7.6<br>7.7       | 8.7<br>8.6       | 7.6<br>7.7            | 8.1<br>8.1       |  |  |  |  |                    |  |
| 30  | 8.2          | 6.7            | 7.6              | 8.7              | 7.5                   | 8.1              |  |  |  |  |                    |  |
| 31  | 8.0          | 7.3            | 7.7              |                  |                       |                  |  |  |  |  |                    |  |
| MONTH   | 8.2          | 5.5            | 6.9              | 9.0              | 7.0                   | 8.1              | 8.4  | 7.4  | 7.8  |  |                    |  |
|   |              |                |                  |                  |                       |                  |  |  |  |  |                    |  |
| DAY   | MAX          | MIN            | MEAN             | MAX              | MIN                   | MEAN             | MAX  | MIN  | MEAN   | MAX  | MIN                | MEAN   |
| DAY   | MAX          | MIN<br>FEBRUAR |                  | MAX              | MIN<br><b>MARCH</b>   | MEAN             | MAX  | MIN<br><b>APRIL</b>  | MEAN   | MAX  | MIN<br><b>MAY</b>  | MEAN   |
|   |              | FEBRUAR        | Y                |                  | MARCH                 |                  |  | APRIL  |  |  | MAY                |  |
| DAY<br>1<br>2   | MAX          |                |                  | MAX<br>          |                       | MEAN<br>         | MAX<br>9.7<br>9.7  |  | MEAN<br>9.5<br>9.6   | MAX<br>                                      |                    | MEAN   |
| 1<br>2<br>3   |              | FEBRUAR        | <br>             | <br>             | MARCH                 |                  | 9.7<br>9.7<br>9.8  | 9.3<br>9.4<br>9.5  | 9.5<br>9.6<br>9.7  |  | <b>MAY</b><br><br> | <br>   |
| 1<br>2  |              | FEBRUAR        | Y<br>            |                  | MARCH                 |                  | 9.7<br>9.7   | <b>APRIL</b> 9.3 9.4   | 9.5<br>9.6   |  | MAY<br>            |  |
| 1<br>2<br>3<br>4<br>5   |              | FEBRUAR        | <br><br><br>     | <br><br>         | MARCH<br><br><br><br> |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9  | 9.3<br>9.4<br>9.5<br>9.6<br>9.6  | 9.5<br>9.6<br>9.7<br>9.7   | <br><br>                                     | MAY                |  |
| 1<br>2<br>3<br>4  | <br><br>     | FEBRUAR:       | <br><br>         |                  | MARCH<br><br>         |                  | 9.7<br>9.7<br>9.8<br>9.8   | 9.3<br>9.4<br>9.5<br>9.6   | 9.5<br>9.6<br>9.7<br>9.7   |  | MAY<br><br><br>    |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8  |              | FEBRUAR:       | <br><br><br>     | <br>             | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9  | 9.3<br>9.4<br>9.5<br>9.6<br>9.6<br>9.7<br>9.8  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8  | <br><br><br>                                 | MAY                | ====   |
| 1<br>2<br>3<br>4<br>5   |              | FEBRUAR        | Y                | <br><br><br>     | MARCH                 | <br><br>         | 9.7<br>9.7<br>9.8<br>9.8<br>9.9  | 9.3<br>9.4<br>9.5<br>9.6<br>9.6  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8   | <br><br>                                     | MAY                | ====   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9   |              | FEBRUAR:       | Y                |                  | MARCH                 | <br><br><br><br> | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.0<br>10.2<br>10.2  | 9.3<br>9.4<br>9.5<br>9.6<br>9.6<br>9.7<br>9.8<br>9.9   | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0   |  | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10   |              | FEBRUAR:       | <br><br><br><br> | <br><br><br><br> | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2  | 9.3<br>9.4<br>9.5<br>9.6<br>9.6<br>9.7<br>9.8<br>9.9<br>9.9  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0   | <br><br><br>                                 | MAY                | ====<br>====<br>====<br>====   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2  | 9.3<br>9.4<br>9.5<br>9.6<br>9.6<br>9.7<br>9.8<br>9.9<br>9.9  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1   | ======================================       | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2  | 9.3<br>9.4<br>9.5<br>9.6<br>9.6<br>9.7<br>9.8<br>9.9<br>9.9  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1   | ====<br>====<br>====<br>====<br>====<br>==== | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2  | 9.3<br>9.4<br>9.6<br>9.6<br>9.6<br>9.7<br>9.8<br>9.9<br>9.9  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4  |  | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2  | APRIL 9.3 9.4 9.5 9.6 9.6 9.7 9.8 9.9 9.9 9.8 9.7 9.8 9.7 9.8 9.7  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1   |  | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2  | 9.3<br>9.4<br>9.6<br>9.6<br>9.6<br>9.7<br>9.8<br>9.9<br>9.9  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4  |  | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>10.1<br>10.0<br>9.8<br>9.7<br>9.3   | APRIL 9.3 9.4 9.6 9.6 9.6 9.7 9.8 9.9 9.9 9.8 9.7 9.2 8.9 8.5 7.9 8.7  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>8.2                                    |  | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>9.8<br>9.7<br>9.3<br>9.1<br>8.6<br>8.4<br>8.0   | 9.3<br>9.4<br>9.5<br>9.6<br>9.6<br>9.7<br>9.8<br>9.9<br>9.9<br>9.7<br>9.4<br>9.2<br>8.5<br>7.9<br>8.3                | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>8.2<br>7.8                                    |  | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>10.1<br>10.0<br>9.8<br>9.7<br>9.3<br>9.1<br>8.6<br>8.4<br>8.0   | APRIL 9.3 9.4 9.6 9.6 9.7 9.8 9.9 9.9 9.4 9.2 8.9 8.5 7.9 8.7 7.6 7.3  | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>8.2<br>7.8                                    | <br><br><br><br><br><br><br>7.9              | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.0<br>10.2<br>10.2<br>10.2<br>10.3<br>10.2<br>10.6<br>9.8<br>9.7<br>9.3<br>9.1<br>8.6<br>8.6<br>8.4<br>8.0<br>7.6                                   | 9.3<br>9.4<br>9.6<br>9.6<br>9.6<br>9.7<br>9.8<br>9.7<br>9.9<br>9.7<br>9.4<br>9.2<br>8.3<br>7.6                       | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>8.2<br>7.8                                    |  | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24                               |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>9.8<br>9.7<br>9.3<br>9.7<br>9.3<br>9.7<br>9.3   | APRIL 9.3 9.45 9.6 9.6 9.7 9.9 9.9 9.7 9.2 8.9 7.6 7.3 6.7 6.6 6.6   | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>8.2<br>7.5<br>7.2<br>6.8                      | 7.9<br>7.8                                   | MAY                | <br><br><br><br><br><br><br><br><br>7.7  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23                                     |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>9.8<br>9.7<br>9.3<br>9.1<br>8.6<br>8.6<br>8.4<br>8.0<br>7.6<br>7.5<br>7.1                                     | 9.3<br>9.4<br>9.6<br>9.6<br>9.7<br>9.8<br>9.7<br>9.9<br>9.7<br>9.4<br>9.7<br>9.4<br>9.7<br>9.6<br>7.3<br>7.6         | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.5<br>8.2<br>7.8  | 7.9  | MAY                |  |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26                   |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>9.7<br>9.3<br>9.7<br>9.3<br>9.7<br>9.3<br>9.7<br>9.3  | APRIL 9.3 9.45 9.6 9.6 9.7 9.9 9.9 9.7 9.2 8.9 7.6 7.3 6.6 6.4 6.3   | 9.5<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>8.2<br>7.8<br>7.5<br>6.8<br>6.5<br>6.5               | 7.9<br>7.9                                   | MAY                | <br><br><br><br><br><br><br><br><br>7.7<br>7.7                                       |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25                         |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>9.8<br>9.7<br>9.3<br>9.1<br>8.6<br>8.4<br>8.0<br>7.6<br>7.5<br>7.1<br>6.9<br>6.7                              | 9.3<br>9.4<br>9.6<br>9.6<br>9.7<br>9.9<br>9.7<br>9.9<br>9.7<br>9.4<br>28.9<br>8.5<br>7.9<br>8.3<br>7.6<br>6.6<br>6.4 | 9.5<br>9.6<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.5<br>8.2<br>7.8<br>7.5<br>7.2<br>6.9<br>6.8<br>6.5               | 7.9<br>7.7                                   | MAY                | <br><br><br><br><br><br><br><br><br>7.7<br>7.7                                       |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>9.7<br>9.3<br>9.7<br>9.3<br>9.7<br>9.3<br>6.7<br>6.7<br>6.7<br>6.3<br>6.4                                     | APRIL 9.3 9.45 9.6 9.7 9.9 9.7 9.9 9.7 9.7 7.6 6.6 6.4 6.20 6.0  | 9.5<br>9.6<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>8.2<br>7.5<br>6.8<br>6.5<br>6.5<br>6.3<br>6.2<br>6.2 | 7.9<br>7.9<br>7.6<br>7.6<br>7.6              | MAY                | <br><br><br><br><br><br><br><br><br>7.7<br>7.7                                       |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>27<br>28<br>29<br>30 |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>9.8<br>9.7<br>9.3<br>9.1<br>8.6<br>8.4<br>8.0<br>7.6<br>7.5<br>7.1<br>6.9<br>6.7<br>6.5<br>6.3<br>6.4<br>6.5 | APRIL 9.3 9.45 9.6 9.7 9.9 9.7 9.9 9.7 9.7 6.7 6.6 6.4 6.2 6.0 6.1   | 9.5<br>9.7<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>7.5<br>7.2<br>6.8<br>6.5<br>6.3<br>6.2<br>6.3        | 7.9<br>7.6<br>7.4<br>7.3                     | MAY                | <br><br><br><br><br><br><br>7.7<br>7.7<br><br>7.6<br>7.6<br>7.5<br>7.4<br>7.2<br>7.1 |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 |              | FEBRUAR:       | Y                |                  | MARCH                 |                  | 9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.2<br>10.2<br>10.2<br>10.2<br>10.3<br>9.7<br>9.3<br>9.7<br>9.3<br>9.7<br>9.3<br>6.7<br>6.7<br>6.7<br>6.3<br>6.4                                     | APRIL 9.3 9.45 9.6 9.7 9.9 9.7 9.9 9.7 9.7 7.6 6.6 6.4 6.20 6.0  | 9.5<br>9.6<br>9.7<br>9.7<br>9.8<br>9.8<br>9.9<br>10.0<br>10.1<br>9.9<br>9.6<br>9.4<br>9.1<br>8.9<br>8.4<br>8.5<br>8.2<br>7.5<br>6.8<br>6.5<br>6.5<br>6.3<br>6.2<br>6.2 | 7.9<br>7.9<br>7.6<br>7.6<br>7.6              | MAY                | <br><br><br><br><br><br><br><br>7.7<br>7.7   |

# 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY                              | MAX                             | MIN                             | MEAN                            | MAX                             | MIN                                    | MEAN                            | MAX                      | MIN                                    | MEAN                                   | MAX                             | MIN                             | MEAN                            |
|----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|---------------------------------|--------------------------|--|--|---------------------------------|---------------------------------|---------------------------------|
|                                  |                                 | JUNE                            |                                 |                                 | JULY                                   |                                 |                          | AUGUST                                 |  | S                               | EPTEMBE                         | R                               |
| 1<br>2<br>3<br>4<br>5            | 7.6<br>7.7<br>7.7<br>7.6<br>7.5 | 7.0<br>7.1<br>7.2<br>7.1<br>7.3 | 7.3<br>7.4<br>7.4<br>7.4<br>7.4 | 4.9<br>5.0<br>4.9<br>4.9<br>5.1 | 4.3<br>4.4<br>4.2<br>4.0<br>3.9        | 4.6<br>4.7<br>4.6<br>4.5<br>4.5 | 5.5<br>5.5<br>5.4<br>5.3 | 4.3<br>4.3<br>4.3<br>4.0<br>4.3        | 5.0<br>4.9<br>4.9<br>4.7<br>4.7        | 6.8<br>6.8<br>6.8<br>6.6        | 6.0<br>6.0<br>6.0<br>5.9<br>5.5 | 6.4<br>6.4<br>6.3<br>6.1        |
| 6<br>7<br>8<br>9<br>10           | 7.3<br>7.0<br>7.0<br>6.5<br>6.0 | 7.0<br>6.6<br>6.4<br>5.9<br>5.6 | 7.1<br>6.9<br>6.7<br>6.2<br>5.8 | 5.4<br>5.4<br>5.6<br>5.7<br>5.8 | 4.3<br>4.6<br>4.7<br>4.9<br>4.8        | 4.8<br>5.0<br>5.2<br>5.3        | 5.5<br>5.7<br>5.9<br>6.0 | 4.3<br>4.8<br>4.8<br>4.8<br>4.8        | 4.9<br>5.3<br>5.4<br>5.5               | 6.6<br>6.4<br>6.4<br>6.2        | 5.5<br>5.5<br>5.4<br>5.2        | 6.1<br>6.0<br>6.0<br>5.8        |
| 11<br>12<br>13<br>14<br>15       | 5.8<br>5.8<br>5.7<br>5.8<br>5.9 | 5.5<br>5.4<br>5.4<br>5.5<br>5.4 | 5.6<br>5.6<br>5.5<br>5.7<br>5.6 | 5.9<br>6.0<br>5.9<br>5.8<br>5.6 | 4.9<br>5.0<br>5.0<br>4.8<br>4.8        | 5.4<br>5.5<br>5.5<br>5.3<br>5.2 | 5.9<br>5.6<br>5.6<br>5.6 | 5.1<br>4.9<br>4.8<br>4.7<br>4.9        | 5.5<br>5.4<br>5.2<br>5.2<br>5.3        | 6.1<br>6.3<br>6.5<br>6.4<br>6.5 | 5.4<br>5.6<br>5.7<br>5.8<br>5.7 | 5.8<br>5.9<br>6.1<br>6.1<br>6.2 |
| 16<br>17<br>18<br>19<br>20       | 5.7<br>5.7<br>5.5<br>5.4<br>5.2 | 5.3<br>5.3<br>5.1<br>4.9<br>4.6 | 5.5<br>5.5<br>5.3<br>5.1<br>4.8 | 5.6<br>6.0<br>5.9<br>5.7<br>5.9 | 4.8<br>4.8<br>5.0<br>4.7<br>4.5        | 5.2<br>5.3<br>5.4<br>5.2<br>5.0 | 5.7<br><br><br>5.7       | 5.0<br><br><br>4.8                     | 5.3<br><br><br>5.3                     | 6.5<br>6.5<br>6.4<br>6.4        | 5.9<br>5.8<br>5.6<br>5.6        | 6.2<br>6.1<br>6.2<br>6.0<br>6.0 |
| 21<br>22<br>23<br>24<br>25       | 4.7<br>4.7<br>4.8<br>5.0<br>5.1 | 4.4<br>4.2<br>4.3<br>4.5<br>4.4 | 4.5<br>4.4<br>4.6<br>4.7<br>4.7 | 5.5<br>5.5<br>5.5<br>5.8        | 4.2<br>4.4<br>4.7<br>4.7<br>5.0        | 4.9<br>5.0<br>5.2<br>5.2<br>5.5 | 5.7<br>5.7<br>5.8<br>5.7 | 4.9<br>5.0<br>4.8<br>5.0<br>4.7        | 5.4<br>5.4<br>5.3<br>5.3               | 6.3<br>6.2<br>6.3<br>6.4        | 5.5<br>5.4<br>5.6<br>5.6<br>5.8 | 5.9<br>5.9<br>6.0<br>6.1        |
| 26<br>27<br>28<br>29<br>30<br>31 | 5.1<br>5.1<br>5.2<br>4.8<br>4.8 | 4.2<br>4.5<br>4.3<br>4.2<br>4.2 | 4.6<br>4.8<br>4.7<br>4.5<br>4.5 | 5.9<br>5.8<br>5.5<br>5.4<br>5.5 | 5.2<br>4.8<br>4.5<br>4.5<br>4.5<br>4.5 | 5.5<br>5.4<br>5.1<br>5.0<br>5.0 | 5.4<br>5.8<br>6.0<br>6.0 | 4.6<br>4.5<br>4.7<br>5.4<br>5.3<br>5.2 | 5.1<br>5.0<br>5.3<br>5.8<br>5.7<br>5.8 | 6.6<br>6.9<br>6.7<br>6.8<br>6.8 | 5.9<br>6.3<br>6.0<br>5.9<br>5.7 | 6.3<br>6.6<br>6.4<br>6.3<br>6.2 |
| MONTH                            | 7.7                             | 4.2                             | 5.7                             | 6.0                             | 3.9                                    | 5.1                             | 6.3                      | 4.0                                    | 5.3                                    | 6.9                             | 5.2                             | 6.1                             |